

## CLAIMS

1. A display device comprising:

an optically transparent substrate;

5 first pixel electrodes formed on said substrate, said first pixel electrodes including light shielding portions;

second pixel electrodes formed on said substrate, said second pixel electrodes including optically transparent portions;

10 common electrodes provided with optically transparent portions corresponding to said first pixel electrodes and light shielding portions corresponding to said second pixel electrodes;

first optical layers disposed between said first pixel electrodes and said common electrodes to change an optical property in response to electric energy applied between said first pixel electrodes and said common electrodes; and

second optical layers disposed between said second pixel electrodes and said common electrodes to change an optical property in response to electric energy applied between said second pixel electrodes and said common electrodes.

2. The display device according to Claim 1, wherein  
25 said first and second pixel electrodes are optically reflective on sides facing said common electrodes.

3. The display device according to Claim 1 or 2,  
wherein said first pixel electrodes are disposed in a first  
direction, said second pixel electrodes are disposed in a  
5 second direction to cross said first pixel electrodes, and said  
first and second pixel electrodes are alternatively provided in  
said first and/or second directions.

4. The display device according to Claim 3, further  
10 comprising:

scanning lines disposed in said first direction on  
said substrate;

first and second video signal lines disposed in said  
second direction on said substrate;

15 first switching elements provided in vicinities of  
points where said scanning lines cross said first video signal  
lines, said first switching elements supplying video signals  
from said first video signal lines between said first pixel  
electrodes and said common electrodes in response to scanning  
20 signals from said scanning lines; and

second switching elements provided in vicinities of  
points where said scanning lines cross said second video  
signal lines, said second switching elements supplying video  
signals from said second video signal lines between said  
25 second pixel electrodes and said common electrodes in  
response to scanning signals from said scanning lines.

5        5. The display device according to Claim 4, wherein  
at least a part of said first and second switching elements is  
disposed in a region defined by said substrate and said first  
pixel electrodes.

10        6. The display device according to Claim 1, 2, 3, 4 or  
5, wherein the number of said first pixel electrodes is  
different from that of said second pixel electrodes.

15        7. The display device according to Claim 1, 2, 3, 4, 5  
or 6, wherein said first and second optical layers are provided  
with organic electro-luminescent light emitting layers.

20        8. Electronic equipment comprising:  
a display device set forth in Claim 1, 2, 3, 4, 5, 6 or  
7; and  
an input manipulator to input signals to said  
display device,

25        wherein said display device displays images in  
response to said input.